

REPORT OF CHANNEL CONDITIONS (FOR CHANNELS 400 FEET WIDE OR GREATER) (ER 1130-2-316)						Page 1 of 1		
						Aug-2007		
TO: Director, Port Everglades Authority P.O. Box 13136, Port Everglades, FL				FROM USACE, District Engineer Attn: CESAJ-CO-OM Jacksonville, Florida				
RIVER/HARBOR NAME AND STATE Port Everglades Harbor, Broward County, FL				MINIMUM DEPTHS IN EACH 1/4 WIDTH OF CHANNEL ENTERING FROM SEAWARD				
NAME OF CHANNEL	Date of Survey	AUTHORIZED PROJECT			Left Outside Quarter (feet)	Left Inside Quarter (feet)	Right Inside Quarter (feet)	Right Outside Quarter (feet)
		Width (feet)	Length (miles)	Depth (feet)				

Entrance Channel, from 200 feet seaward of Red Buoy-2 to east end of the jetties	Aug-2007	500-450	1	45	47.0	47.7	48.5	38.5(1)
From east end of jetties to Turning Basin	Aug-2007	450	0.5	42	41.9(2)	45.2	45.3	41.5(1)
Turning Basin, from Green Light-9 to east face of north/south bulkhead (south of Entrance Channel centerline).	Aug-2007	1025	0.5	42	42.6	41.6(2)	40.4(2)	45.7
From Green Light-9 to east face or north/south bulkhead (north of Entrance Channel centerline).	Aug-2007	1010	0.5	42	45.1	41.0(4)	40.3(4)	40.2(4)
West Basin: (North end of Berth 18).	Aug-2007	250	0.06	37	42.1(5)	43.8(5)	45.2(5)	45.5(5)
West Basin: (South end of Berth 18).	Aug-2007	1000	0.03	36	39.5(6)	37.5(6)	39.4(6)	42.2(6)
North Basin, from Red Buoy-30 to east face of north/south Bulkhead (North portion).	Aug-2007	1110	0.16	31	26.7(7)	29.8(7)	32.8(7)	28.9(7)
South Basin: (North of Pier 5)	Aug-2007	1270	0.18	31	33.6(8)	36.1(8)	37.2(8)	38.5(8)
South Channel, from Main Turning Basin at Green Light-11 to turning notch.	Aug-2007	400	1.1	42	34.6(9)	43.9	44.6	42.8
From turning notch to Dania Cut-off Canal at Green Light-35.	Aug-2007	400	0.7	42	42.4(10)	41.4(10)	41.6(10)	39.2(10)

Remarks:

1. Shoaling located on north edge of channel 400 feet west of Red Light-4. Shoal extends a maximum of 100 feet inside channel edge.
2. Spot Shoal located 800 feet east of Red Light-6.
3. Small shoal located along east edge of basin.
4. Shoals located on eastern portion of turning basin.
5. Soundings are to project depth or deeper.
6. Soundings are to project depth or deeper.
7. Shoaling on northern portion of channel. Shoals extend into channel
8. Soundings are to project depth or deeper.
9. Shoaling along eastern portion of channel. Shoals extend into channel approximately 100 feet in some areas.
10. Shoaling in eastern portion of channel. Shoals extend in channel approximately 150 feet.

Survey #07-066